

Title (en)
Transmission apparatus for a working vehicle

Title (de)
Getriebe für ein Arbeitsfahrzeug

Title (fr)
Transmission pour véhicule de travail

Publication
EP 1571371 A3 20070314 (EN)

Application
EP 05004764 A 20050304

Priority
JP 2004062503 A 20040305

Abstract (en)
[origin: EP1571371A2] A working vehicle comprises: a power source having an output shaft; axles; a cargo deck (8); and a transmission apparatus (10) for driving axles disposed below the cargo deck. The transmission apparatus (10) includes an input shaft (11) drivingly connected to the output shaft (31) of the power source, a hydromechanical stepless transmission driven by the input shaft, and a differential gear assembly (70) differentially connecting the axles to each other. The hydromechanical stepless transmission includes a planetary gear assembly (50) and a hydrostatic stepless transmission (40) drivingly connected to the planetary gear assembly (50). The differential gear assembly (70) is drivingly connected to the hydromechanical stepless transmission.

IPC 8 full level
B60K 17/10 (2006.01); **B60K 17/28** (2006.01); **B60K 17/356** (2006.01); **F16H 47/04** (2006.01)

CPC (source: EP US)
B60K 17/28 (2013.01 - EP US); **B60K 17/356** (2013.01 - EP US); **F16H 47/04** (2013.01 - EP US); **F16H 2037/0866** (2013.01 - EP US)

Citation (search report)

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AL BA HR LV MK YU

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